

Version With Markings to Show Changes Made

In the Specification:

On page 4, line 10, please replace the term "FIGURE 4 shows" with the term –
FIGURES 4A and 4B show -- .

The following is a marked-up version of the replacement paragraph:

[FIGURE 4 shows] FIGURES 4A and 4B show a magnetizer for magnetizing a magnet having a magnet having the characterizations of the present invention;

In the Claims:

6. (Amended) A magnetizer for magnetizing a circular magnet with a null zone intermediate alternating poles comprising [an] a circular insulating core supporting pairs of axially directed wires, each pair of wires adapted to carry current in the same axial direction, and a back iron axially spaced from said core by a sufficient axial gap to allow said magnet to be magnetized to slip into said gap, the flux being shaped to create alternating magnetic poles separated by a null zone around said magnet.

7. (Unchanged) A magnetizer as claimed in Claim 6 wherein said gap is of sufficient radial extent that a portion of said gap remains open when said magnet is inserted so that said transition zone of said magnet is softened.

8. (Unchanged) A magnetizer for magnetizing a magnet with null zones intermediate alternating poles comprising
means for supporting said magnet in said magnetizer and
conductive means for creating a flux path through said magnet which establishes said null zones in said magnet.

9. (New) A magnetizer as in claim 6, adjacent pairs of wires carrying current in opposite directions.